

REMARKS

Applicants' representative thanks the Examiner for the telephone interview on the morning of September 26, 2005. The amendments and remarks herein are made in accordance with our conversation.

Status of the Claims

Upon entry of these remarks, claims 97-100, 119-127 and 130-153 will be pending in this application. Claim 153 has been added.

Minor amendments to the wording of claims 97 and 100 have been made.

New claim 153 is a claim that mirrors claim 100 but is directed to SEQ ID NO:2 instead of SEQ ID NO:327. This claim is presented to "reinstate" previously cancelled claim 101.

More specifically, previous claim 101 mirrored claim 100 as first presented with the exception that it was directed to SEQ ID NO:2 instead of SEQ ID NO:327. In Applicants response filed December 14, 2004, Applicants inadvertantly cancelled claim 101. Applicants also made amendments to claim 100 during prosecution. In presenting claim 153 now, Applicants have made it mirror the language of claim 101 as currently pending. Applicants submit no new matter has been added and respectfully request entry of this amendment.

Amendments to the Specification

Applicants submit herewith a Substitute Specification. The only changes in the Substitute Specification submitted herewith compared to the immediate prior version of the Specification that was filed on August 4, 2005 can be found in Table 1. Applicants have amended the entries in the "AAs of VL" column of Table 1 for SEQ ID NOS: 4, 5, 397, 512, 834, 835, 842, 848, 850, 851, 877, 892, 893, 896, 900, 908, 911, 912, 913, 914, 916, 920, 924, 927, 928, 937, 938, 943, 946, 948, 949, 950, 952, 953, 957, 959, 963, 965, 967, 970, 974, 980, 982, 984, 987, 993, 996, 997, 999, 1050, 1054, 1056, 1065, 1102, 1105, 1108, 1109, 1110, 1111, 1112, 1113, 1115, 1116, 1117, 1118, 1119, 1120, 1170, 1178, 1179, 1181, 1182, 1189, 1192, 1198, 1290, 1293, 1294, 1299, 1300, 1303, 1305, 1306, 1307, 1308, 1315, 1316, 1322, 1323, 1328, 1330, 1331, 1335, 1341, 1344, 1346, 1357, 1367, 1370, 1384, 1386, 1387, 1388, 1389, 1391, 1393, 1394, 1402, 1416, 1417,

1424, 1425, 1426, 1433, 1438, 1444, 1445, 1470, 1472, 1474, 1588, 1594, 1596, 1609, 1615, 1620, 1621, 1622, 1623, 1624, 1628, 1638, 1639, 1641, 1643, 1646, 1647, 1648, 1651, 1652, 1655, 1657, 1660, 1662, 1665, 1667, 1668, 1670, 1675, 1676, 1678, 1679, 1681, 1692, 1694, 1702, 1703, 1705, 1708, 1718, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1734, 1740, 1741, 1742, 1755, 1761, 1762, 1764, 1765, 1777, 1781, 1785, 1786, 1788, 1790, 1816, 1817, 1818, 1823, 1826, 1871, 1873, 1877, 1907, 1911, 1912, 1914, 1919, 1924, 1929, 1931, 1937, 1938, 1939, 1940, 1941, 1942, 1944, 1947, 2006, 2008, 2010, 2013, 2014, 2015, 2018, 2021, 2022, 2023, 2031, 2032, 2033, 2035, 2036, 2038, 2039, 2046, 2056, 2057, 2058, 2060, 2066, 2067, 2068, 2106, 2107 and 2112. Applicants have filed a complete Substitute Specification in both clean and marked-up versions in accordance with the Examiner's request.

Objections to the Specification under 35 U.S.C. § 132(a)

The Examiner indicated during a telephone conversation on September 26, 2005 that the amendments to Table 1 were acceptable (i.e., not new matter) with the exception of the subset of 239 amendments referred to in paragraph 24 of the Declaration of Rodger Smith Under 37 C.F.R. § 1.132 submitted on August 4, 2005 and in paragraph 18 of the Declaration of Rodger Smith Under 37 C.F.R. § 1.132 submitted on December 14, 2004. Hereafter, these 239 amendments will be referred to as the “serine amendments.”

While Applicants disagree and believe that all of the previously requested amendments do not constitute new matter and should be allowable, for the purposes of facilitating prosecution in the present application, Applicants have herewith submitted an amended specification in which the serine amendments are being cancelled and the recitation in the “AAs of VL” column of Table 1 for each of SEQ ID NOS: SEQ ID NOS: 4, 5, 397, 512, 834, 835, 842, 848, 850, 851, 877, 892, 893, 896, 900, 908, 911, 912, 913, 914, 916, 920, 924, 927, 928, 937, 938, 943, 946, 948, 949, 950, 952, 953, 957, 959, 963, 965, 967, 970, 974, 980, 982, 984, 987, 993, 996, 997, 999, 1050, 1054, 1056, 1065, 1102, 1105, 1108, 1109, 1110, 1111, 1112, 1113, 1115, 1116, 1117, 1118, 1119, 1120, 1170, 1178, 1179, 1181, 1182, 1189, 1192, 1198, 1290, 1293, 1294, 1299, 1300, 1303, 1305, 1306, 1307, 1308, 1315, 1316, 1322, 1323, 1328, 1330, 1331, 1335, 1341, 1344, 1346, 1357, 1367, 1370, 1384, 1386, 1387, 1388, 1389, 1391, 1393, 1394, 1402,

1416, 1417, 1424, 1425, 1426, 1433, 1438, 1444, 1445, 1470, 1472, 1474, 1588, 1594, 1596, 1609, 1615, 1620, 1621, 1622, 1623, 1624, 1628, 1638, 1639, 1641, 1643, 1646, 1647, 1648, 1651, 1652, 1655, 1657, 1660, 1662, 1665, 1667, 1668, 1670, 1675, 1676, 1678, 1679, 1681, 1692, 1694, 1702, 1703, 1705, 1708, 1718, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1734, 1740, 1741, 1742, 1755, 1761, 1762, 1764, 1765, 1777, 1781, 1785, 1786, 1788, 1790, 1816, 1817, 1818, 1823, 1826, 1871, 1873, 1877, 1907, 1911, 1912, 1914, 1919, 1924, 1929, 1931, 1937, 1938, 1939, 1940, 1941, 1942, 1944, 1947, 2006, 2008, 2010, 2013, 2014, 2015, 2018, 2021, 2022, 2023, 2031, 2032, 2033, 2035, 2036, 2038, 2039, 2046, 2056, 2057, 2058, 2060, 2066, 2067, 2068, 2106, 2107 and 2112 has been restored to the entries in Table 1 as they were presented when the present application was filed on June 15, 2001. Accordingly, Applicants respectfully request that the objections to the specification under 35 U.S.C. § 132(a) for allegedly containing new matter be reconsidered and withdrawn.

CONCLUSION

Applicants respectfully request that the above remarks be made of record in the file history of the instant application. Applicants respectfully submit that the present application is now in condition for allowance. A Notice of Allowance is earnestly solicited. If, in the opinion of the Examiner, a telephone conference would expedite prosecution, the undersigned can be reached at the telephone number indicated below.

If there are any fees due in connection with the filing of this paper, not accounted for on the Fee Transmittal sheet submitted herewith, please charge the fees to our Deposit Account No. 08-3425. If a fee is required for an extension of time under 37 CFR § 1.136 that is not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Dated: September 27, 2005

Respectfully submitted,

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